/14-15

8.6 ವಾರ್ಡ್ ನಂ 11,
ವಿದ್ಯಾರಣ್ಯಪುರ.

001 ರಿಂದ 260100ವರೆಗೆ

tive Engineer
anapura Division
a Zone, B.B.M.P.
galore-560092

SBRNO-21/15-16
R: 30-4-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260001

Serial No. .....
Name of Work ..... From..... To..... BR-13/30-4-15
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Drilling of Borewells and providing pump and Motors in ward No. 11 Work Code No:- 011-15-000013 Estimated cost Rs:- 12.00 Lakhs Work order No:- EE/BGP/BBMP/E-PMT/287/14-15 Dated:- 05-2-15 Name of Agency:- H. Gangadhar #24 3rd main, Akasharani layout Vidyaranyapura.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Supplying drinking water to the habitation either through the Hand pump to the habitation either through mws & pws by Vertical electrical sounding by adopting Venner or Schlumbergers method including reconnaissance survey & geological Formation Geophysical investigation & existing Ground water in the vicinity its quality @ 1.00 nos in consolidated formation for proper seating of casing pipe depth & drilling required to cover full depth						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	& drilling requi proposed to be required is includi accessories to wo labour required At Kodathur lay At Manjyamkuppam kup 1st stage

Contents	Reference to last Measurement
7	8
bitation either	
itation either	
l electrical	
Schlumberger	
rvey & geological	
existing Ground	
1.00mts is	
eating of casing	
o cover full depth	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260002

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& drilling required to Cover full depth & adequate proposed to be tapped, probable yield and other is required including transportation & instrument and accessories to work site, engaging technical personal & labour required etc. Complete as per specifications						
	At Kodathur layout	1	-	-	-	1.00 mts	
	At Maniyamangalam Pipe line 1st stage	1	-	-	-	1.00 mts	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total	2.00 Mt	
			JM	1882.00		Mt 3764=00	
						Lmt.	
	2) Sinking & bore well of 165mm dia clear using Super Jet hydraulic rig & capacity 250 PSI & above CFM & above is all Starts including including over burden up 20 mtrs Fixing & Casing pipes, Collary and Cap with necessary Casing threading and welding including transportation of rig & Supporting Vehicles. Crew charges & Cost & Consumbles etc.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Complete including a Minimum work cost & Casing pipes loading, Unloading At. Kalathur layout
1)	0.00 TO 50.00
2)	50.00 To 100.00

Contents 7	Reference to last Measurement 8
2.00	Mg
	Rs. 3764=00
ng.	
4	
r using Super Jet	
ove C from f above is	
rder up 20 mtrs	
ith necessary Casing	
pporting of rig	
& Consumbles etc.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260003

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Complete including Yield testing at the Final depth with a minimum working of Compressor for one Hour (excluding cost of Casing pipes, Collars & Cap etc) with all lead & lift loading, Unloading & labour charges etc.						
	At. Kalathur Layout						
1)	0.00 TO 50.00	As per Remeasurements entered 1	× 50.00	-	-	= 50.00 Rmtrs.	
						@ Rs. 306=00	Rs. 15300=00
2)	50.00 To 100.00	1	× 50.00	-	-	= 50.00 Rmtrs	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						J/N 400=00	N 20,000=00
4)	100.00 TO 150.00 mtr	1	× 50.00	—	—	= ~~50.00~~ Rmtr 50.00 Rmtr	
						J/N 445.00	N 22250=00
5)	150.00 TO 200.00	1	× 50.00	—	—	= 50.00 Rmtr	
						J/N 470.00	N 23500=00
6)	200.00 TO 250.00	1	× 50.00	—	—	= 50.00 Rmtr	
						J/N 544.00	N 27200=00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	250.00 TO 305.00 mtr
	At Mariyamman Temple (Near) ICUP IST Stage.
	0.00 TO - 50.00 mtr

Contents	Reference to last Measurement
7	8
0=00	Rs 20,000=00
=~~5000~~ Rmtr @ 50.00 Rmtr	Rs 22250=00
=50.00 Rmtr	Rs 23500=00
=50.00 Rmtr	Rs 27200=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260004

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	250.00 M 305.00 Mtr	1	× 55.00	-	-	= 55.00 Rmtr	
				Less side 00		50.00 Rmt	
				JM 583.00		Rs 29150=00	
	At Mariyamman Temple (Near) ICUP IST Stage.						
	0.00 M - 50.00 Mtr	1	× 50.00	—	-	= 50.00 Rmtr	
				JM 306.00		Rs 15300=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	11) Supply & delivery at site brand new Texmo / Ennore Lubi / Sabar / Atlanta / Leland / Waterman / Radhe Make Suitable Vertical installation in 150 mm dia. Borewells comprising of Single Stage or Multistage CR pump close Coupled by means of Stainless Coupling to suitable Hp suitable speed totally enclosed and Filled with pure drinking water (wet type) Squirrel Cage Submersible induction motor Suitable for operation of 3ph 50 Hz, 380/440 Volts AC Supply Fitted with required accessories such as Suction Casing, Suction Strainers Sand guard, Non Return etc. Complete as per Specification						

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	12.50 Hp 20 Stage.	
	12) Supplying & IS for	
	Continuously welded	
	high frequency, In	
	welded type & Nom	
	both ends as per IS 5	
	pipes threaded at on	

epth 6	Contents 7	Reference to last Measurement 8
d new Texmo / Ennore / termax / Radhe Make		
0 mm dia. Borewells		
stage CP pump close		
coupling to suitable		
ered and Filled with		
Squirrel Cage Submer		
for operation of 3ph		
ted with required		
g. Suction strainers		
mplete as per Specifications		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260007

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	12.50 Hp 20 Stage.	2	-	-	-	= 2.00 Nos	
	Cost @ 30-4-2015					@ 56200.00	Rs. 1124.00.00
12)	Supplying & IS marked galvanized mild steel tube (Continuously welded electric resistance welded (ERW) high frequency, Induction welded (HFIW) Hot Finished Welded type & Nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments pipes threaded at one end & the other end protected						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per Specifications in random lengths of 4 to 7 mtrs conforming to IS 1239 part 1/1990 with Amendment 1-5 and with all its latest amendments if any The pipes should be with BIS mark le 3/08-09 etc complete as per Specifications						
	At Kalathur layout	1	x 244.00	-	-	= 244.00 Rmtr	
	& Mariyamma Temple KVP Nagar 1st stage	1	x 256.00	-	-	= 256.00 Rmtr	
					TOTAL	500.00 Rmtr	
					Jly	375.00 Rs.	187500.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
13)	Heavy duty Co
	Coffi
	30/4/2015
14)	Supplying & do Submersible pu grade Copper Confirming to

K

epth 6	Contents 7	Reference to last Measurement 8
	engths of 4 to 7 mm	
	90 with amendment	
	mad/roads in	
	BS mark 3/08-09	
	- = 244.00 Rmtr	
	- = 256.00 Rmtr	
	500.00 Rmtr	
0	Rs, 187500=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260008

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
13)	Heavy duty Collar 60mm dia Cost of 30/4/2015	100 2x50.00	-	-	-	= 100.00 Nos @ Rs 130.00	Rs, 13000=00
14)	Supplying & drawing 3 Core flat pvc sheathed Submersible pump Cable manufactured with electrolyte grade Copper with flexible Copper Conductor Confirming to Cable 3 class 5 of IS: 8130-1984 &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Virgin grade PVC insulation & sheathed flexible for working voltage upto 1100 volts 4 sq mm & 6 core 0.3 mm dia etc.						
			2×2	@260.00	—	= 1040.00 mtrs	
					@ Rs 151.00	Rs. 157040=00	
15)	Erection of pumpset including aligning & balancing with all necessary erection materials & labour including supply & erection of one pair supporting clamps, one borewell cap, cable clips with bolts						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	mtrs Valves guage GI pipe & specia the site free of
16)	Supplying & fix mode of not l

OOK

Depth 6	Contents 7	Reference to last Measurement 8
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		
× 0.75 = 13.50		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260017

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	× 30.00	× 0.60	× 0.75 = 13.50		
				Total		809.50 cm	
					@ Rs 135.00	Rs 27337.50	
					188.00 Less	38070.00	
	32) providing & installation at site of works PVC pipes including carry pipes & Specials & including lowering into trenches laying true line, level & perfect lowering or joints leak proof, including joining encasing						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	the pipes around to a depth Not less than 15 cms with grave or Selected earth available from the excavation etc. from dig 6"sc pvc pipe.						
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		1	30.00	–	–	= 30.00	
		4	30.00	–	–	= 30.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		Not less than 15 cms available from the	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	
–	–	=30.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
260018

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	
		1	30.00	–	–	=30.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total qty - 450.00 Rmtr	
				@ Rs 157.00		Rs. 70650.00	
	33) Refilling the basement & pipeline trenches with selected available earth for trench excavation including watering condition in layers from the dist including dispersory of the surplus with lorry loads etc						
	Qty vide Item no. 31						
						Total qty 202.00 cum	
				@ Rs 61.00		Rs 12322.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	34) providing & fixing CI wheel & appa Nominal bore incl fixing on pipe equipme At kanithur layar At Mavilyamadom Taple ICVP Iststage	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		Total qty- 950-00 Nos	
	1.57-00		By 70652w
e trenches with selected			
ation including all lead			
including dispensary			
units etc			
	3 1		
		202.50 MB	
	1-00	By 12353200	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260019

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
34)	providing & fixing in position brass gate v/v with CI wheel of approved quality (Screwed end) Somm Nominal bore including cost of all materials labour & tools & equipments with all leads etc.						
	At Kattathur layout	4	—	—	—	= 4-00 Nos	
	At Mavilyamadai						
	Triple 1CVP Istfloor	6	—	—	—	= 6-00 = Nos	
						Total	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total			10.00 Nos	
			JM 2120.00			M 21200=00	
	Bescom deposit					M ~~1657.8=00~~	
			Total			M. 11=46262=00	
	Civil					M 1195826=00	
	Electrical		30/4/15				
			30/4			119204=00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	

MEASUREMENT BOOK

Date	Full description of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಒಟ್ಟು ಮೊಬಲಗು ರೂ 1191204=00						
	ಸದ್ಯಕ್ಕೆ ಪಾವತಿ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 144135=00						
	ಕಾಯ್ದಿರಿಸಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು						
	1047069=00						
	ಈ ಮೊಬಲಗನ್ನು ನೀಡಲಾಗಿದೆ						
	Krishnamurthy.G						
	ತಿಳಿಸಿದವರು						
	ಸಹಾಯಕ ಅಭಿಯಂತರರು						
	ಸಿ ಮು ಪಾ						

IT - 11912-
VAT - 47648-
TSD - 70472-
Lwe - 11912-
CBF - 1191-
Fine - 1000-

Total 144135=00

By Chque 1047069=00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	